

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application;

Listing of the Claims:

1. - 28. (Cancelled)

29. (Withdrawn) A digital image system enabling a user to download digital images and fulfill digital image processing requests in a manner personalized to said user, said digital image system comprising:

a first computing environment for initiating digital image order requests, said first computing environment operable to receive a download of digital images from a user together with an order request from said user related to said digital images, said first computing environment including a provisioner related to said user, said provisioner storing user profile information, user personalization information, and user customization information, said provisioner utilized in fulfilling said order request in a manner personalized to said user;

a second computing environment for fulfilling said order request, said second computing environment coupled to said first computing environment, said second computing environment including at least one fulfillment device; and

wherein said first and second computing environments are operable to process and fulfill said order request utilizing said at least one fulfillment device.

30. (Withdrawn) A digital image system as recited in claim 29, wherein:

said digital image system is a digital photograph system for processing digital photograph order requests.

31. (Withdrawn) A digital image system as recited in claim 30, wherein:
said first computing environment includes an automatic teller machine used as a user interface for said first computing environment.
32. (Withdrawn) A digital image system as recited in claim 30, wherein:
said first computing environment includes a computer kiosk used as a user interface for said first computing environment.
33. (Withdrawn) A digital image system as recited in claim 30, wherein:
said first computing environment includes a desktop computer system located at a retail photography store, said desktop computer system used as a user interface for said first computer environment.
34. (Withdrawn) A digital image system as recited in claim 32, wherein said first computing environment includes a user interface located at a retail store.
35. (Withdrawn) A digital image system as recited in claim 34, wherein said retail store is a retail photography store which also provides analog photography processing.
36. (Withdrawn) A digital image system as recited in claim 34, wherein said retail store is a coffee shop.
37. (Withdrawn) A digital image system as recited in claim 29, wherein said first computing environment includes a user interface operable to query said user for information, receive information from said user, and to provide feedback to said user regarding status of said order request.

38. (Withdrawn) A digital image system as recited in claim 29, wherein said user interface includes a plurality of electronic screens which guide said user through user authorization, and entry of said order request.

39. (Withdrawn) A digital image system as recited in claim 29, wherein said first computing environment includes a communications channel for coupling with a digital camera in order to download said digital images from said digital camera.

40. (Withdrawn) A digital image system as recited in claim 39, wherein said communications channel is wireless technology.

41. (Withdrawn) A digital image system as recited in claim 39, wherein said communications channel is infrared (IR) technology.

42. (Withdrawn) A digital image system as recited in claim 29, wherein said first computing environment includes a device for receiving a digital camera expansion memory source, whereby said device is used in downloading said digital images.

43. (Withdrawn) A digital image system as recited in claim 29, wherein said first and second computing environments are connected via a wide area network such as the Internet.

44. (Withdrawn) A digital image system as recited in claim 43, wherein said connection between said first and second computing environments is a secure connection utilizing encryption for those portions of the processing and fulfillment order for which security and privacy are desired.

45. (Withdrawn) A digital image system as recited in claim 29, wherein said order fulfillment device is a persistent memory device such as a CD-ROM burner.

46. (Withdrawn) A digital image system as recited in claim 29, wherein said order fulfillment device is a presentation medium such as a display screen, an audio device, or a tactile device.
47. (Withdrawn) A digital image system as recited in claim 29, wherein said order fulfillment device is a means for producing a hard copy output such as digital image printing device.
48. (Withdrawn) A digital image system as recited in claim 29, wherein said first computing environment is further operable to verify whether said user is authorized to use said first and second computing environments to fulfill said requested order.
49. (Withdrawn) A digital image system further comprising a monetization process operable to monetize order fulfillment.
50. (Withdrawn) A digital image system as recited in claim 29, wherein said first and second computing environments are a scale-free distributed computing environment.

51. (Withdrawn) A digital photography system enabling a user to download digital photography images and fulfill digital photography requests, said digital photography system comprising:

a first computing environment for initiating digital photography order requests, said first computing environment operable to receive a download of digital photography images from a user together with an order request from said user related to said digital photography images, said first computing environment including a user interface operable to query for and receive information from said user, said first computing environment including a provisioner related to said user, said provisioner storing user profile information, user personalization information, and user customization information, said provisioner utilized in fulfilling said order request in a manner personalized to said user;

a second computing environment for fulfilling said order request, said second computing environment coupled to said first computing environment, said second computing environment including at least one fulfillment device; and

wherein said first and second computing environments are operable to process, fulfill and monetize said order request utilizing said at least one fulfillment device.

52. (Withdrawn) A digital photography system as recited in claim 51, wherein said user interface includes a plurality of electronic screens which guide said user through user authorization, and entry of said order request.

53. (Withdrawn) A digital photography system as recited in claim 51, wherein said first computing environment includes a communications channel for directly coupling with a digital camera in order to download said digital photography images from said digital camera.

54. (Withdrawn) A digital photography system as recited in claim 51, wherein said first computing environment includes a device for receiving a digital camera expansion memory source, whereby said device is used in downloading said digital photography images.

55. (Withdrawn) A digital photography system as recited in claim 51, wherein said first and second computing environments are connected via a wide area network such as the Internet.

56. (Withdrawn) A digital photography system as recited in claim 55, wherein said connection between said first and second computing environments is a secure connection utilizing encryption.

57. (Withdrawn) A digital photography system as recited in claim 51, wherein said order fulfillment device is a persistent storage mechanism such as a CD-ROM burner.

58. (Withdrawn) A digital photography system as recited in claim 51, wherein said order fulfillment device is a digital photography-printing device.

59. (Withdrawn) A digital photography system enabling a user to download digital photography images and fulfill digital photography requests, said digital photography system comprising:

 a first computing environment for initiating digital photography order requests, said first computing environment including:

 a user interface operable to query said user for information, receive information from said user, and provide feedback to said user regarding status of said order request;

 a communications channel for coupling to either a digital camera or a digital camera expansion memory in order to download said digital photography images into said first computing environment; and

 a provisioner related to said user, said provisioner storing user profile information, user personalization information, and user customization information, said provisioner utilized in fulfilling said order request in a manner personalized to said user;

 a second computing environment for fulfilling said order request, said second computing environment coupled to said first computing environment, said second computing environment including at least one fulfillment device.

60. (Withdrawn) A digital photography system as recited in claim 59, wherein said first computing environment is remote with respect to said second computing environment.

61. (Withdrawn) A digital photography system as recited in claim 59, wherein said first computing environment includes a computer device within a retail store which provides said user interface.

62. (Withdrawn) A digital photography system as recited in claim 61, wherein said retail store is a coffee shop.

63. (Withdrawn) A digital photography system as recited in claim 59, wherein said first computing environment includes a computer device owned by said user, said computer device providing said user said user interface, said computer device coupled to said first computing device via the Internet.

64. (Withdrawn) A computer implemented method for fulfilling user digital photography orders, said computer implemented method comprising;
maintaining a provisioner database storing data regarding a plurality of authorized users;
receiving a digital photography order from a first user;
obtaining identity information regarding said first user;
determining whether said first user is authorized via a process involving said identity information and said provisioner database; and
performing the following when said first user is determined to be authorized:
retrieving digital photography images from a storage medium provided by said first user;
verifying integrity of said retrieved digital photography images; and
processing said digital photography images in accordance with first user data stored in said provisioner database.

65. (Withdrawn) A computer implemented method as recited in claim 64, wherein maintaining said provisioner database includes prompting said first user for enrollment into said provisioner database when said first user is not authorized.

66. (Withdrawn) A computer implemented method as recited in claim 64, wherein said first user couples a digital camera directly to a computing environment in order to download said digital photography images.

67. (Withdrawn) A computer implemented method as recited in claim 64, wherein said first user couples a digital camera expansion memory to a computing environment in order to download said digital photography images.

68. (Withdrawn) A digital storage device storing a provisioner data structure being a single instance instantiation of a workflow strategy; said provisioner data structure comprising:

static profile information regarding a specific user;

dynamic information regarding how said specific user wishes to personalize a processing and fulfillment order; and

dynamic information regarding how said specific user wishes to personalize a specific workflow strategy.

69. (Withdrawn) A digital storage device as recited in claim 68, wherein said digital storage device is a digital media memory card.

70. (Withdrawn) A digital storage device as recited in claim 68, wherein said digital storage device is a smart card.

71. (Withdrawn) A digital storage device as recited in claim 68, wherein said digital storage device is a credit card.

72. (Withdrawn) A digital storage device as recited in claim 68, wherein said digital storage device is a digital media memory card.

73. (Withdrawn) A digital storage device having a provisioner proxy indirecting into a database of provisioners.

74. – 86. (Cancelled)

87. (Currently Amended) A method for sending a digital image from a mobile radiotelephone to an online web-services provider, comprising:

- receiving a request to process the digital image;
- wherein, the request is initiated by a user using the mobile radiotelephone;
- identifying ~~[[a]]~~ the user that initiated the request;
- wherein, the user is identified via the mobile radiotelephone; using computing unit;
- ~~_____~~ acquiring a digital image captured by a digital imaging device;
- generating a provisioner;
- wherein, the provisioner specifies a computing device based on a network pathway and further comprises ~~comprising a set of~~ a user-customized setting specified by settings the identified user; ~~based on a personalization aspect and a customization aspect of the identified user, wherein:~~
 - ~~the personalization aspect includes a set of predetermined user-selected image processing settings for modification of the digital image;~~
 - ~~the customization aspect includes a set of instance-specific settings that govern fulfillment of the digital image;~~
 - wherein, the user-customized setting includes a preference of the identified user;
 - wherein, the preference includes sending the digital image to the online-web-services provider;
- in response to identifying of the user, automatically performing a single-event instantiation process, by the computing device, to upload the digital image to the online web-services provider, said single-event instantiation process including associating the user provisioner with a processing and fulfillment request; and
- ~~_____~~ wherein the single event instantiation process is automatically performed in response to verification of the user and acquiring the digital image.

88. (Currently Amended) The method of claim 87, wherein, the single-event instantiation process is automatically performed in response to identifying the user., ~~the personalization aspect is manifested as an RDF/OWL instance.~~

89. (Currently Amended) The method of claim 87, further comprising, acquiring the digital image from the mobile radiotelephone., ~~wherein, the customization aspect is manifested as an RDF/OWL instance.~~

90. (Currently Amended) The method of claim 87, wherein the performing the single-event instantiation process ~~processing and fulfillment request~~ is sent to a plurality of system components ~~operable to process the request~~, wherein, the plurality of system components communicate via a network.

91. (Currently Amended) The method of claim 90, wherein the plurality of system components communicate via a secure connection utilizing encryption for at least a portion of the performing the single-event instantiation process. ~~processing and fulfillment request.~~

92. (Currently Amended) The method of claim 90, wherein the plurality of system components serve multiple purposes in performing one or more tasks of the performing the single-event instantiation process. ~~processing and fulfillment request.~~

93. (Currently Amended) The method of claim 90, wherein the plurality of system components process multiple single-event instantiations of the performing the single-event instantiation process ~~processing and fulfillment request.~~, each mutually independent from each other.

94. (Currently Amended) The method of claim 90, wherein one system component of the plurality of system components is a server, ~~offering one or more different processing and fulfillment behaviors.~~

95. (Cancelled)

96. (New) The method of claim 87, wherein, the online web-services provider is an online album.